



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

**APR 7 2000**

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 10028  
(FIFTH REVISION)

EXPIRATION DATE: March 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: E.I. DuPont de Nemours and Company, Incorporated  
Wilmington, Delaware
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of dimethyl sulfate in DOT Specification 112S400W tank cars and provides no relief from any other regulation other than as specified.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.102(c)(3), Special Provision B74.
5. BASIS. This exemption is based on E.I. DuPont de Nemours and Company, Incorporated's application dated March 30, 2000 submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	Hazard Class/Division	Identification number	Packing Group
Dimethyl sulfate	6.1	UN1595	I

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7. PACKAGING(S) and SAFETY CONTROL MEASURES:

a. PACKAGINGS - Packagings prescribed are DOT Specification 112S400W tank cars equipped with full head shields. Reporting marks for the authorized tank cars are:

DUPX 20405	DUPX 20407	DUPX 20408
DUPX 20412	DUPX 20414	DUPX 20417
DUPX 20421	DUPX 20425	DUPX 20426
DUPX 20428	DUPX 20429	DUPX 20432
DUPX 20433		

b. TESTING - Each car must be tested and inspected as required for DOT Class 112S400W tank cars.

c. MARKING - Each tank car tank must be marked "DOT-E 10028" in four inch letters and numerals on a contrasting background above the DOT specification number.

8. SPECIAL PROVISIONS. Persons who receive packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

9. MODES OF TRANSPORTATION AUTHORIZED. Rail freight.

10. MODAL REQUIREMENTS: No additional requirements other than as required by the HMR.

11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Registration required by § 107.601 et seq., when applicable.

Each "hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

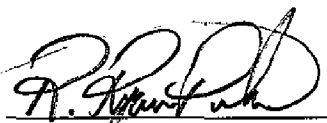
12. REPORTING REQUIREMENTS.

a. The Federal Railroad Administration is to be notified if any unusual incident, such as derailment or exterior tank car damage, occurs during the movement of a tank car operating under this exemption by contacting the:

Federal Railroad Administration  
Office of Safety Enforcement  
Hazardous Materials Division, RRS-12  
400 Seventh Street, S.W.  
Washington, D.C. 20590  
(202) 632-3373 or 632-3348

b. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

Issued at Washington, D.C.:

  
for Robert A. McGuire  
Acting Associate Administrator  
for Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM(00)